

Amendments to the Specification

Please amend lines 5-8 of page 36 of the specification to read:

FIG. 10 illustrates a block diagram 320(a) of the deinterleaving address generator 320 generating a read address for reading code symbols written in the input buffer 310, for $N_{EP}=408$ ($m=7$), 792 ($m=8$), 1560 ($m=9$), 3096 ($m=10$), 6168 ($m=11$) and 12312 ($m=12$), and $J=4$.

Please amend lines 17-19 of page 37 of the specification to read:

FIG. 11 illustrates a block diagram 320b of the deinterleaving address generator 320 generating a read address for reading code symbols written in the input buffer 310, for $N_{EP}=3238$ ($m=10$ and $J=3$).

Please amend lines 16-18 of page 38 of the specification to read:

FIG. 12 illustrates a block diagram 320c of the deinterleaving address generator 320 generating a read address for reading code symbols written in the input buffer 310, for $N_{EP}=3864$ ($m=11$ and $J=2$).

Please amend lines 14-16 of page 39 of the specification to read:

FIG. 13 illustrates a block diagram 320d of the deinterleaving address generator 320 generating a read address for reading code symbols written in the input buffer 310, for $N_{EP}=4632$ ($m=11$ and $J=3$).

Please amend lines 22-25 of page 39 of the specification to read:

A BRO operator ~~422~~ 472 groups bits obtained by dividing the code symbol index k by 2^m , performs a BRO operation on a row index for symbols of each group by the m bits, and calculates a row index n_k for the code symbol index k .

Please amend lines 14-16 of page 40 of the specification to read:

FIG. 14 illustrates a block diagram 320e of the deinterleaving address generator 320 generating a read address for reading code symbols written in the input buffer 310, for $N_{EP}=9240$ ($m=12$ and $J=3$).

Please amend lines 12-14 of page 41 of the specification to read:

FIG. 15 illustrates a block diagram 320f of the deinterleaving address generator 320 generating a read address for reading code symbols written in the input buffer 310, for $N_{EP}=15384$ ($m=13$ and $J=2$).